Appendix B

Test Information:

Serial No.:	30JI-2	**Test Date:**	2025/04/08~2025/04/09
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Loge Long	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	23.7~24.1	**Relative Humidity: (%)**	49~54	**ATM Pressure: (kPa)**	100.8~101.0

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Micro-Coax	Coaxial Cable	UFB205A	323308-015	2024/06/01	2025/05/31
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2024/06/07	2025/06/06
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15
R&S	Spectrum Analyzer	FSV40	101947	2024/09/05	2025/09/04
R&S	Wideband Radio Communication Tester	CMW500	144976	2024/09/05	2025/09/04
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2024/09/06	2025/09/05
Minl-Clrcuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/02/25	2026/02/24
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Frequency stability vs. temperature &Frequency stability vs. voltage Compliance

FCC Part 22H

Band 5

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
R99_Middle_TN/VN	836.6	-11.7	-0.0140	±2.5	Pass
R99_Middle_T1/VN	836.6	-12.5	-0.0149	±2.5	Pass
R99_Middle_T2/VN	836.6	-13.1	-0.0157	±2.5	Pass
R99_Middle_T3/VN	836.6	-12.8	-0.0153	±2.5	Pass
R99_Middle_T4/VN	836.6	-12.1	-0.0145	±2.5	Pass
R99_Middle_T5/VN	836.6	-11.5	-0.0138	±2.5	Pass
R99_Middle_T6/VN	836.6	-11.6	-0.0139	±2.5	Pass
R99_Middle_T7/VN	836.6	-11.4	-0.0136	±2.5	Pass
R99_Middle_T8/VN	836.6	-11.3	-0.0135	±2.5	Pass
R99_Middle_TN/VH	836.6	-10.6	-0.0126	±2.5	Pass
R99_Middle_TN/VL	836.6	-10.4	-0.0124	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10^6

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

FCC Part 24E

Band 2

Mode	Result (MHz)	Limit (MHz)	Verdict
R99_Low_TN/VN	1850.315	1850	Pass
R99_Low_T1/VN	1850.345	1850	Pass
R99_Low_T2/VN	1850.305	1850	Pass
R99_Low_T3/VN	1850.325	1850	Pass
R99_Low_T4/VN	1850.315	1850	Pass
R99_Low_T5/VN	1850.325	1850	Pass
R99_Low_T6/VN	1850.315	1850	Pass
R99_Low_T7/VN	1850.325	1850	Pass
R99_Low_T8/VN	1850.325	1850	Pass
R99_Low_TN/VH	1850.325	1850	Pass
R99_Low_TN/VL	1850.325	1850	Pass
R99_High_TN/VN	1909.685	1910	Pass
R99_High_T1/VN	1909.695	1910	Pass
R99_High_T2/VN	1909.675	1910	Pass
R99_High_T3/VN	1909.695	1910	Pass
R99_High_T4/VN	1909.695	1910	Pass
R99_High_T5/VN	1909.695	1910	Pass
R99_High_T6/VN	1909.685	1910	Pass
R99_High_T7/VN	1909.695	1910	Pass
R99_High_T8/VN	1909.695	1910	Pass
R99_High_TN/VH	1909.685	1910	Pass
R99_High_TN/VL	1909.685	1910	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

Occupied Bandwidth

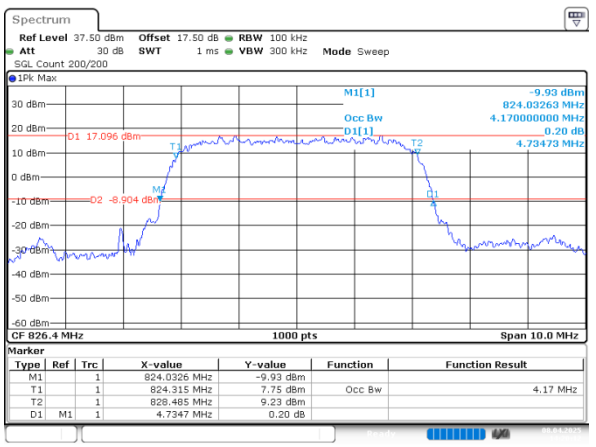
FCC Part 22H

Band 5 , Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
R99_Low	4.170	4.735
R99_Middle	4.160	4.725
R99_High	4.180	4.705
HSDPA_Low_Subtest1	4.180	4.725
HSDPA_Middle_Subtest1	4.170	4.735
HSDPA_High_Subtest1	4.200	4.715
HSUPA_Low_Subtest1	4.160	4.705
HSUPA_Middle_Subtest1	4.140	4.745
HSUPA_High_Subtest1	4.180	4.675

Band 5 , Normal

R99_Low



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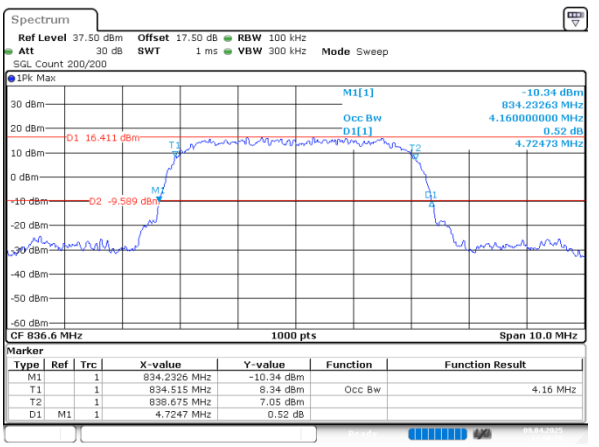
R99_Middle



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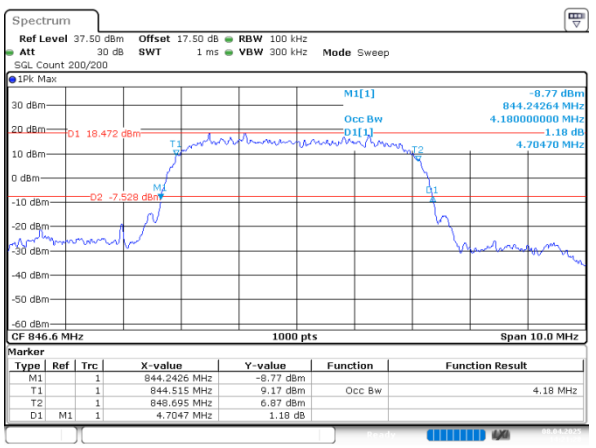
R99_High



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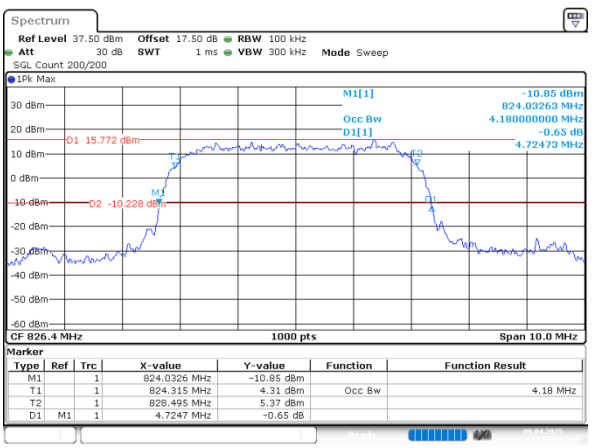
HSDPA_Low_Subtest1



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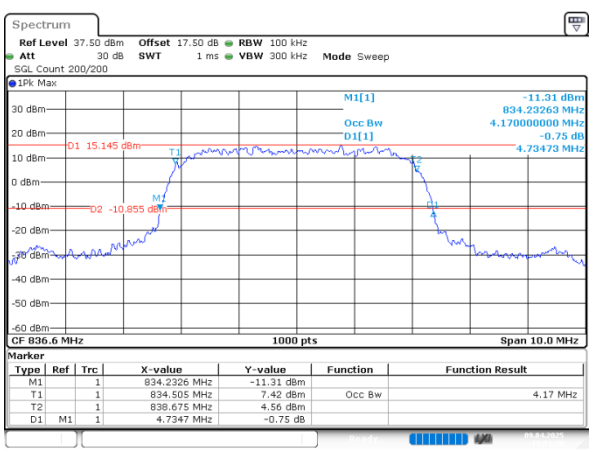
HSDPA_Middle_Subtest1



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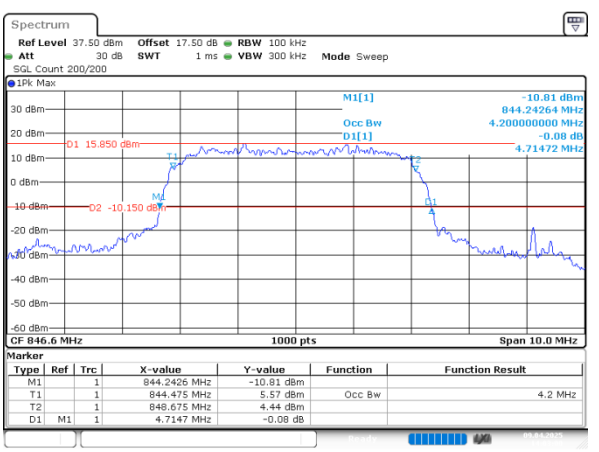
HSDPA_High_Subtest1



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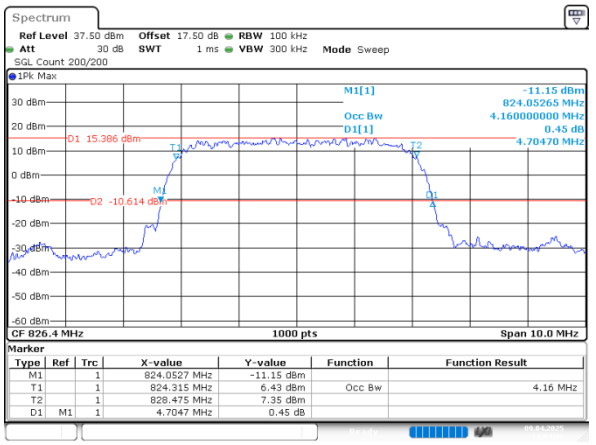
HSUPA_Low_Subtest1



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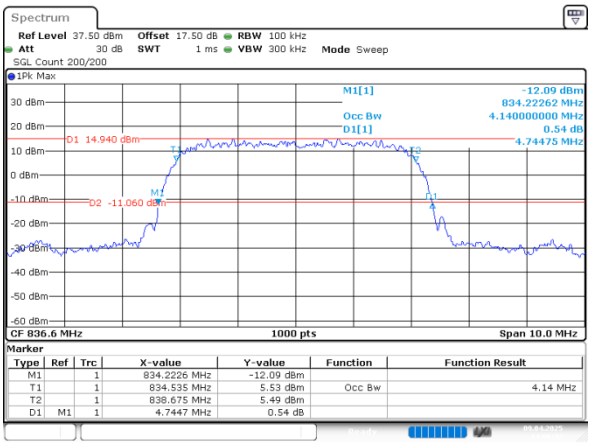
HSUPA_Middle_Subtest1



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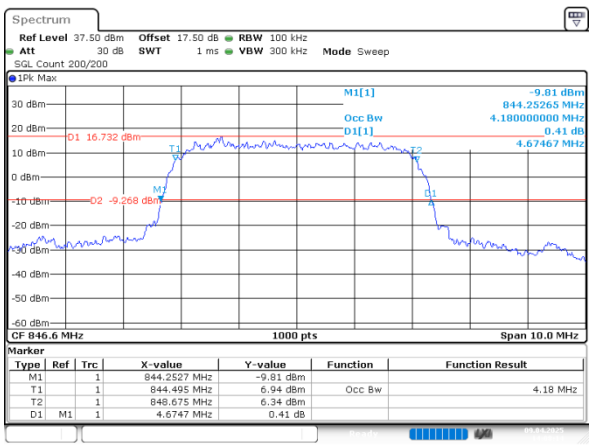
HSUPA_High_Subtest1



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Date: 9.APR.2025 14:08:15

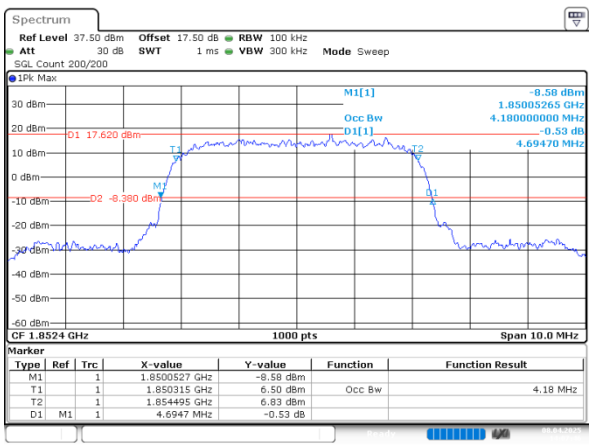
FCC Part 24E

Band 2 , Normal

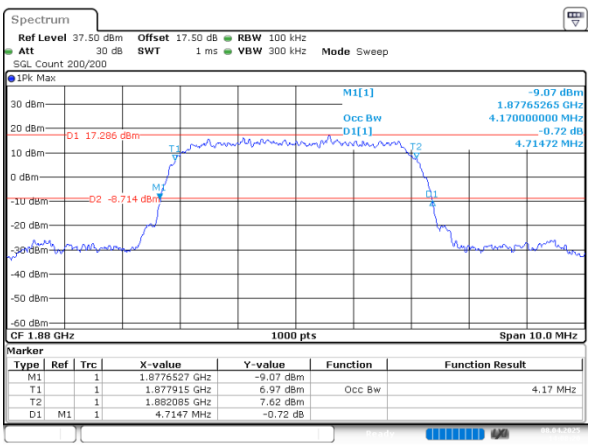
Mode	99% OBW (MHz)	26dB BW (MHz)
R99_Low	4.180	4.695
R99_Middle	4.170	4.715
R99_High	4.180	4.745
HSDPA_Low_Subtest1	4.180	4.715
HSDPA_Middle_Subtest1	4.160	4.695
HSDPA_High_Subtest1	4.200	4.725
HSUPA_Low_Subtest1	4.190	4.715
HSUPA_Middle_Subtest1	4.190	4.695
HSUPA_High_Subtest1	4.210	4.695

Band 2 , Normal

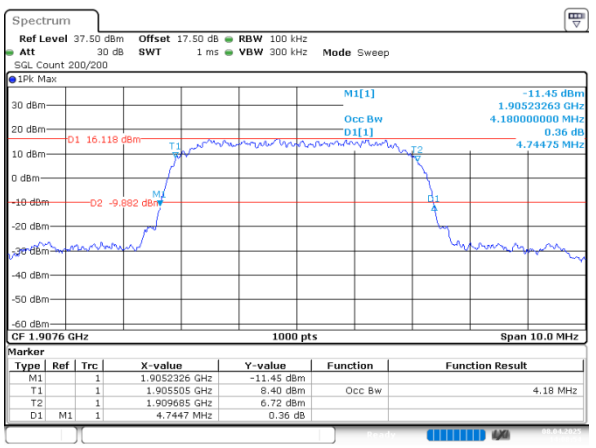
R99_Low



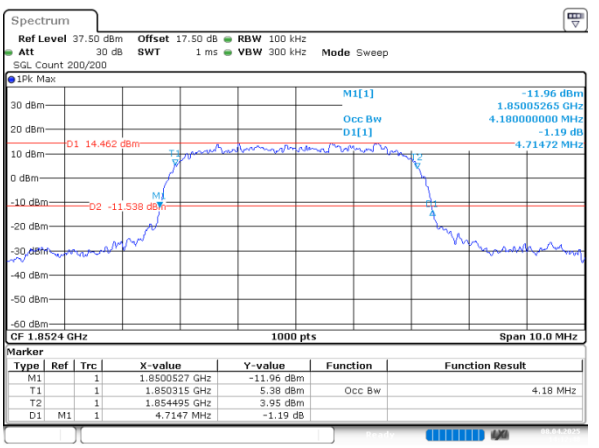
R99_Middle



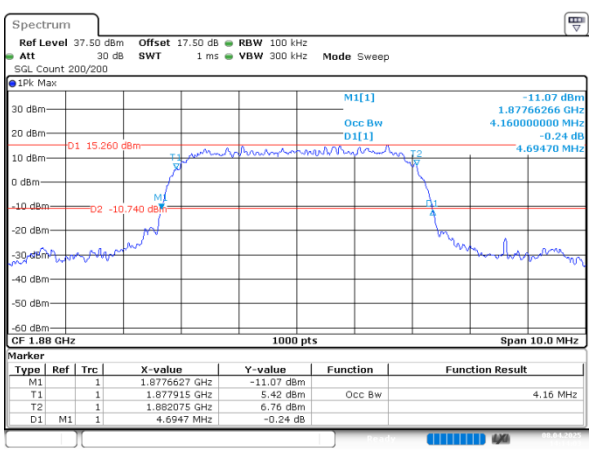
R99_High



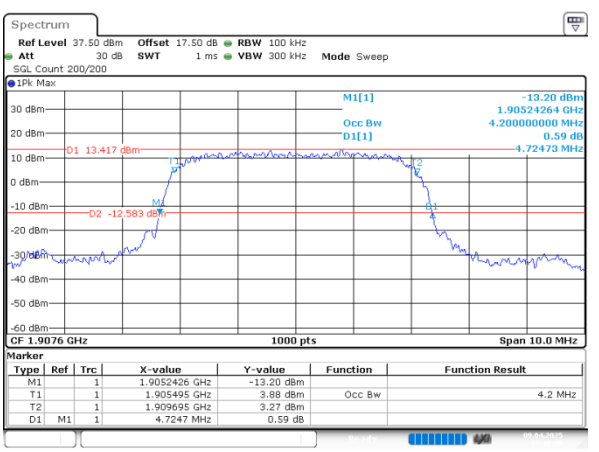
HSDPA_Low_Subtest1



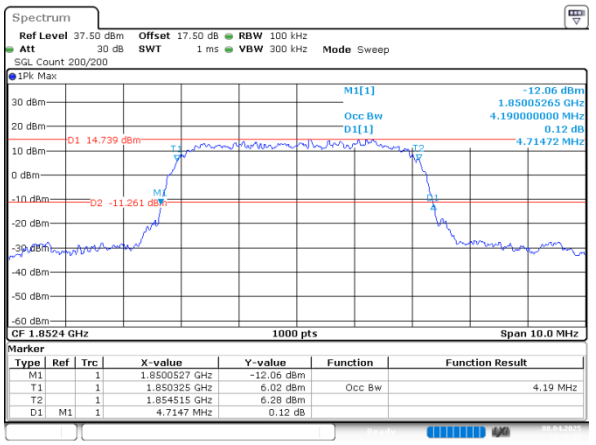
HSDPA_Middle_Subtest1



HSDPA_High_Subtest1



HSUPA_Low_Subtest1



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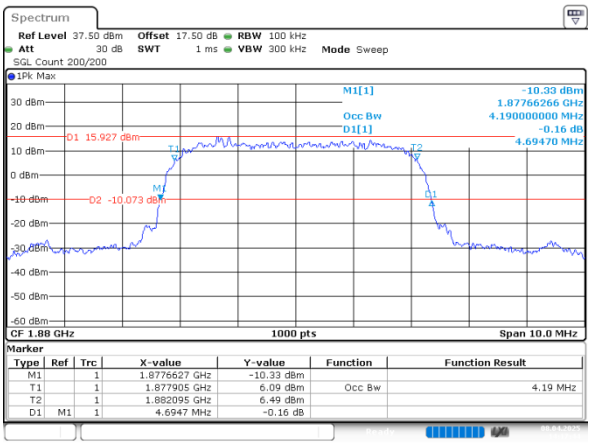
HSUPA_Middle_Subtest1



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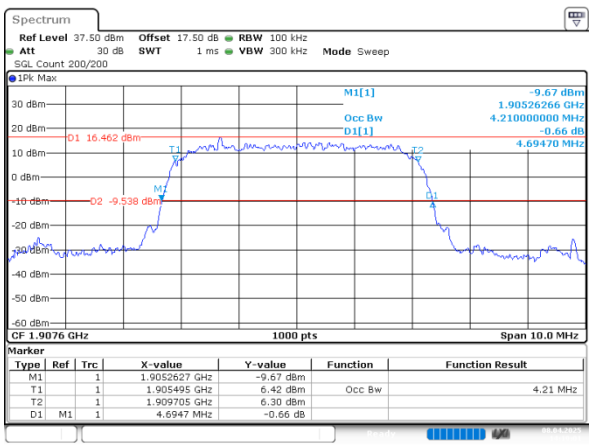
HSUPA_High_Subtest1



ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 14:19:01

RF Output Power

FCC Part 22H

Band 5 , Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
R99_Low	22.02	14.78	38.45	Pass
R99_Middle	22.10	14.86	38.45	Pass
R99_High	22.19	14.95	38.45	Pass
HSDPA_Low_Subtest1	21.02	13.78	38.45	Pass
HSDPA_Low_Subtest2	21.04	13.80	38.45	Pass
HSDPA_Low_Subtest3	21.05	13.81	38.45	Pass
HSDPA_Low_Subtest4	20.98	13.74	38.45	Pass
HSDPA_Middle_Subtest1	20.58	13.34	38.45	Pass
HSDPA_Middle_Subtest2	21.13	13.89	38.45	Pass
HSDPA_Middle_Subtest3	21.03	13.79	38.45	Pass
HSDPA_Middle_Subtest4	21.06	13.82	38.45	Pass
HSDPA_High_Subtest1	20.41	13.17	38.45	Pass
HSDPA_High_Subtest2	21.11	13.87	38.45	Pass
HSDPA_High_Subtest3	20.30	13.06	38.45	Pass
HSDPA_High_Subtest4	20.27	13.03	38.45	Pass
HSUPA_Low_Subtest1	21.46	14.22	38.45	Pass
HSUPA_Low_Subtest2	21.48	14.24	38.45	Pass
HSUPA_Low_Subtest3	21.48	14.24	38.45	Pass
HSUPA_Low_Subtest4	21.47	14.23	38.45	Pass
HSUPA_Low_Subtest5	21.47	14.23	38.45	Pass
HSUPA_Middle_Subtest1	21.46	14.22	38.45	Pass
HSUPA_Middle_Subtest2	21.47	14.23	38.45	Pass
HSUPA_Middle_Subtest3	21.44	14.20	38.45	Pass
HSUPA_Middle_Subtest4	21.46	14.22	38.45	Pass
HSUPA_Middle_Subtest5	21.44	14.20	38.45	Pass
HSUPA_High_Subtest1	21.43	14.19	38.45	Pass
HSUPA_High_Subtest2	21.43	14.19	38.45	Pass
HSUPA_High_Subtest3	21.43	14.19	38.45	Pass
HSUPA_High_Subtest4	21.43	14.19	38.45	Pass
HSUPA_High_Subtest5	21.44	14.20	38.45	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
HSPA+_Low_Subtest1	21.34	14.10	38.45	Pass
HSPA+_Middle_Subtest1	21.28	14.04	38.45	Pass
HSPA+_High_Subtest1	21.33	14.09	38.45	Pass
DC-HSDPA_Low_Subtest1	21.28	14.04	38.45	Pass
DC-HSDPA_Low_Subtest2	21.26	14.02	38.45	Pass
DC-HSDPA_Low_Subtest3	21.24	14.00	38.45	Pass
DC-HSDPA_Low_Subtest4	21.27	14.03	38.45	Pass
DC-HSDPA_Middle_Subtest1	21.31	14.07	38.45	Pass
DC-HSDPA_Middle_Subtest2	21.28	14.04	38.45	Pass
DC-HSDPA_Middle_Subtest3	21.32	14.08	38.45	Pass
DC-HSDPA_Middle_Subtest4	21.26	14.02	38.45	Pass
DC-HSDPA_High_Subtest1	21.28	14.04	38.45	Pass
DC-HSDPA_High_Subtest2	21.25	14.01	38.45	Pass
DC-HSDPA_High_Subtest3	21.29	14.05	38.45	Pass
DC-HSDPA_High_Subtest4	21.28	14.04	38.45	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

1.Antenna Gain = -4.99dBi;

2.Cable Loss = 0.1dB.

FCC Part 24E

Band 2 , Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
R99_Low	22.20	18.90	33	Pass
R99_Middle	22.23	18.93	33	Pass
R99_High	22.37	19.07	33	Pass
HSDPA_Low_Subtest1	20.24	16.94	33	Pass
HSDPA_Low_Subtest2	20.18	16.88	33	Pass
HSDPA_Low_Subtest3	20.24	16.94	33	Pass
HSDPA_Low_Subtest4	20.23	16.93	33	Pass
HSDPA_Middle_Subtest1	20.31	17.01	33	Pass
HSDPA_Middle_Subtest2	20.42	17.12	33	Pass
HSDPA_Middle_Subtest3	20.33	17.03	33	Pass
HSDPA_Middle_Subtest4	20.31	17.01	33	Pass
HSDPA_High_Subtest1	20.36	17.06	33	Pass
HSDPA_High_Subtest2	20.53	17.23	33	Pass
HSDPA_High_Subtest3	20.42	17.12	33	Pass
HSDPA_High_Subtest4	20.31	17.01	33	Pass
HSUPA_Low_Subtest1	20.57	17.27	33	Pass
HSUPA_Low_Subtest2	20.59	17.29	33	Pass
HSUPA_Low_Subtest3	20.61	17.31	33	Pass
HSUPA_Low_Subtest4	20.59	17.29	33	Pass
HSUPA_Low_Subtest5	20.60	17.30	33	Pass
HSUPA_Middle_Subtest1	20.67	17.37	33	Pass
HSUPA_Middle_Subtest2	20.66	17.36	33	Pass
HSUPA_Middle_Subtest3	20.62	17.32	33	Pass
HSUPA_Middle_Subtest4	20.65	17.35	33	Pass
HSUPA_Middle_Subtest5	20.67	17.37	33	Pass
HSUPA_High_Subtest1	20.76	17.46	33	Pass
HSUPA_High_Subtest2	20.73	17.43	33	Pass
HSUPA_High_Subtest3	20.75	17.45	33	Pass
HSUPA_High_Subtest4	20.74	17.44	33	Pass
HSUPA_High_Subtest5	20.74	17.44	33	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
HSPA+_Low_Subtest1	20.43	17.13	33	Pass
HSPA+_Middle_Subtest1	20.57	17.27	33	Pass
HSPA+_High_Subtest1	20.61	17.31	33	Pass
DC-HSDPA_Low_Subtest1	20.34	17.04	33	Pass
DC-HSDPA_Low_Subtest2	20.37	17.07	33	Pass
DC-HSDPA_Low_Subtest3	20.31	17.01	33	Pass
DC-HSDPA_Low_Subtest4	20.32	17.02	33	Pass
DC-HSDPA_Middle_Subtest1	20.46	17.16	33	Pass
DC-HSDPA_Middle_Subtest2	20.42	17.12	33	Pass
DC-HSDPA_Middle_Subtest3	20.45	17.15	33	Pass
DC-HSDPA_Middle_Subtest4	20.41	17.11	33	Pass
DC-HSDPA_High_Subtest1	20.51	17.21	33	Pass
DC-HSDPA_High_Subtest2	20.48	17.18	33	Pass
DC-HSDPA_High_Subtest3	20.51	17.21	33	Pass
DC-HSDPA_High_Subtest4	20.47	17.17	33	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -3.1dBi;

2.Cable Loss = 0.2dB.

Peak-to-average Ratio(PAR)

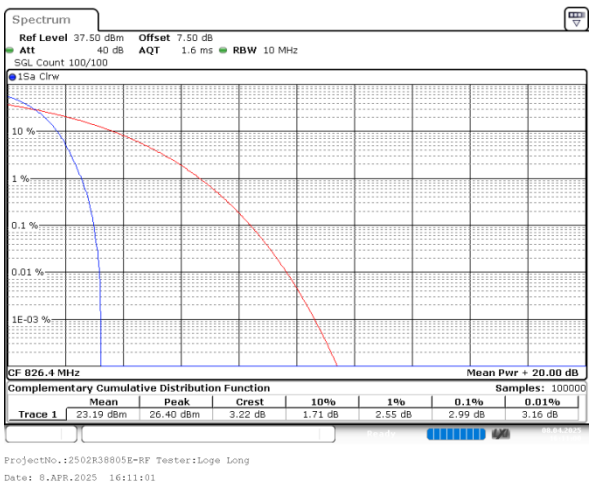
FCC Part 22H

Band 5 , Normal

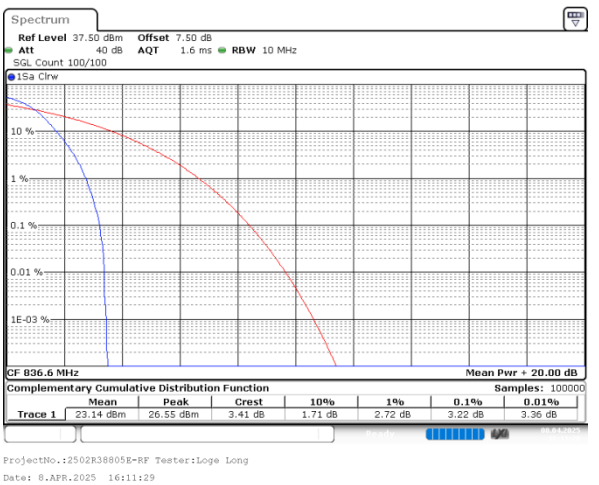
Mode	Result (dB)	Limit (dB)
R99_Low	2.99	13
R99_Middle	3.22	13
R99_High	3.19	13
HSDPA_Low_Subtest1	4.29	13
HSDPA_Middle_Subtest2	3.62	13
HSDPA_High_Subtest1	3.33	13
HSUPA_Low_Subtest1	4.61	13
HSUPA_Middle_Subtest1	4.84	13
HSUPA_High_Subtest1	4.93	13

Band 5 , Normal

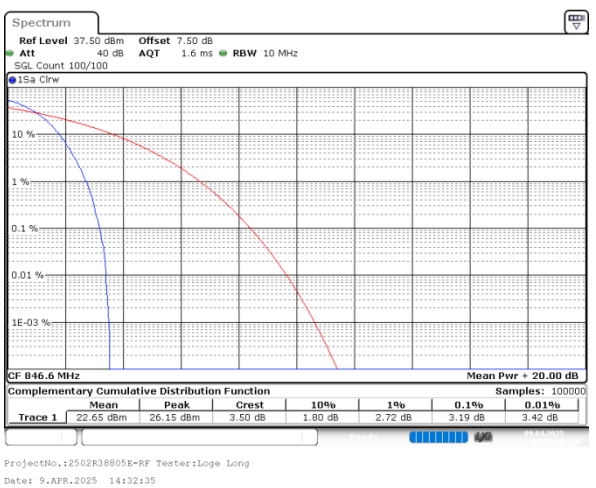
R99_Low



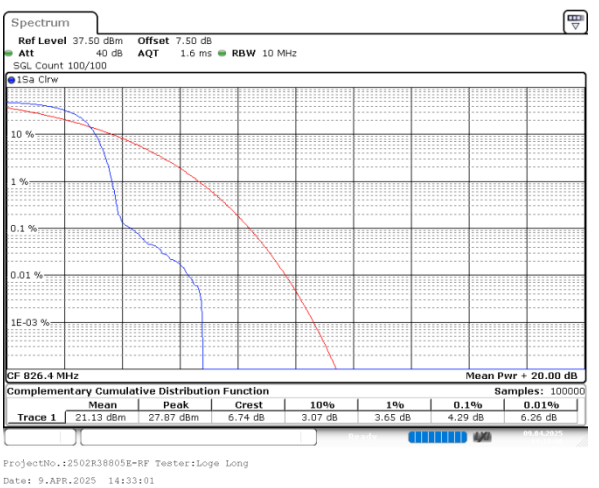
R99_Middle



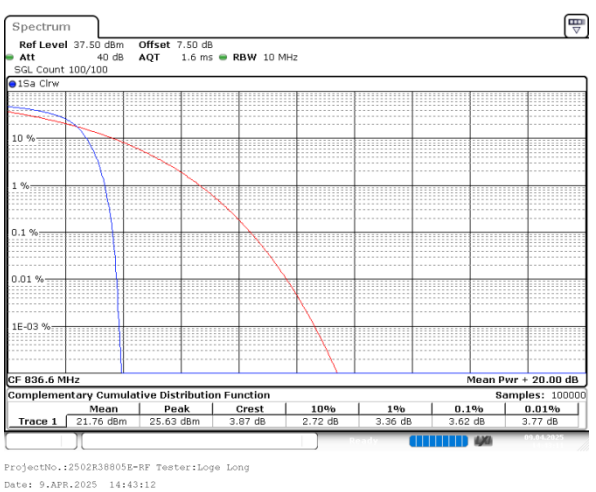
R99_High



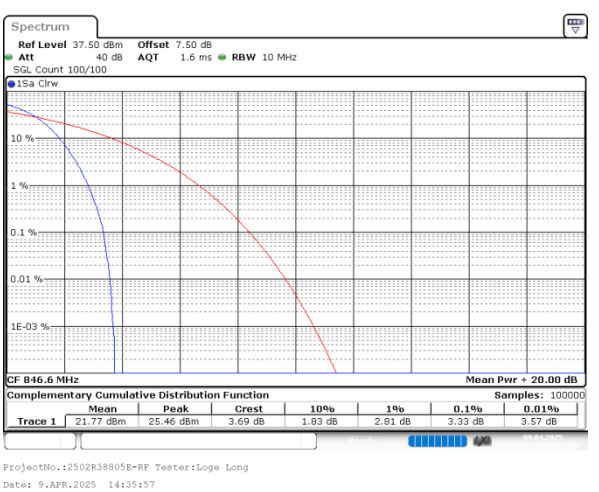
HSDPA_Low_Subtest1



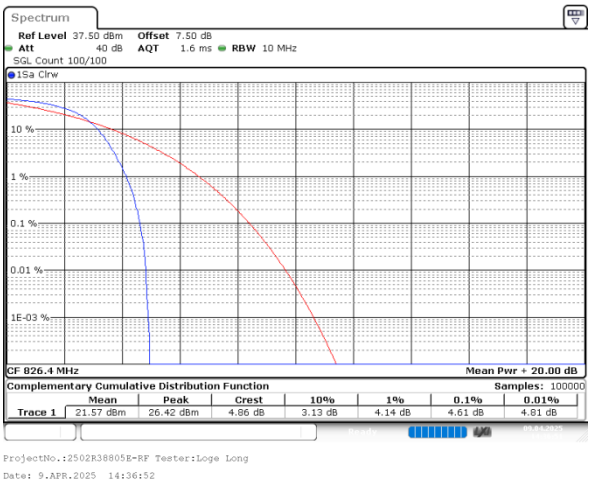
HSDPA_Middle_Subtest2



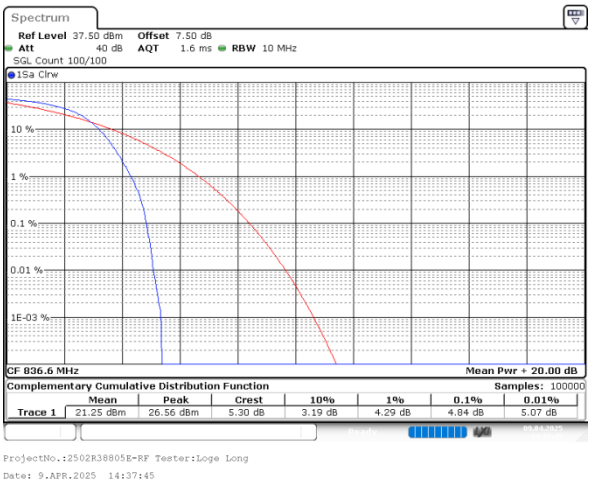
HSDPA_High_Subtest1



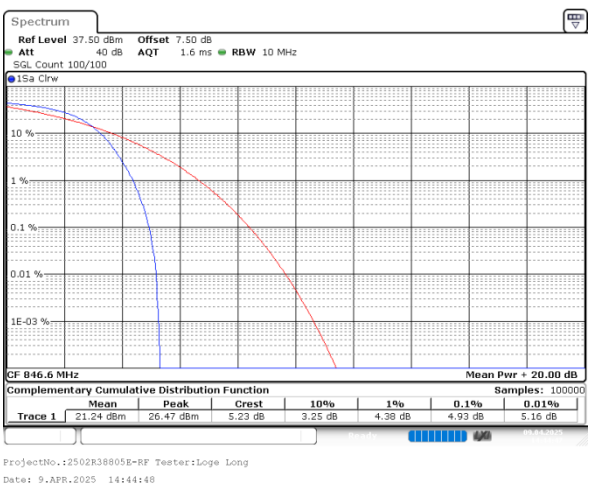
HSUPA_Low_Subtest1



HSUPA_Middle_Subtest1



HSUPA_High_Subtest1



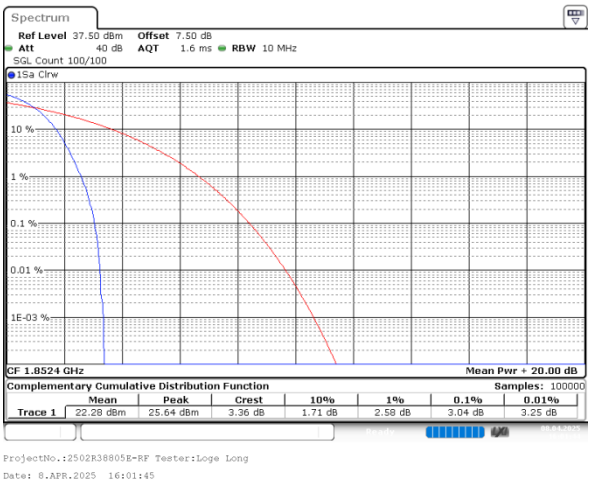
FCC Part 24E

Band 2 , Normal

Mode	Result (dB)	Limit (dB)
R99_Low	3.04	13
R99_Middle	3.07	13
R99_High	2.99	13
HSDPA_Low_Subtest1	3.16	13
HSDPA_Middle_Subtest1	3.16	13
HSDPA_High_Subtest1	3.91	13
HSUPA_Low_Subtest1	4.70	13
HSUPA_Middle_Subtest1	4.70	13
HSUPA_High_Subtest1	4.64	13

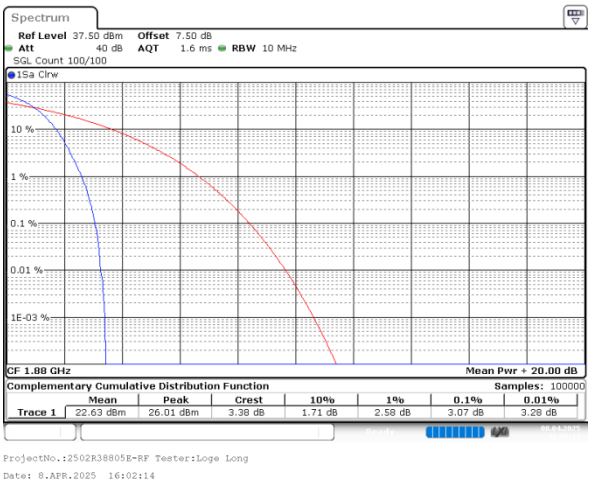
Band 2 , Normal

R99_Low



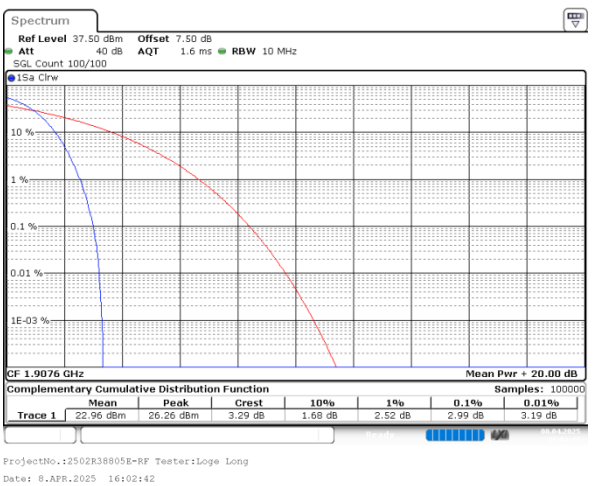
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 16:01:45

R99_Middle



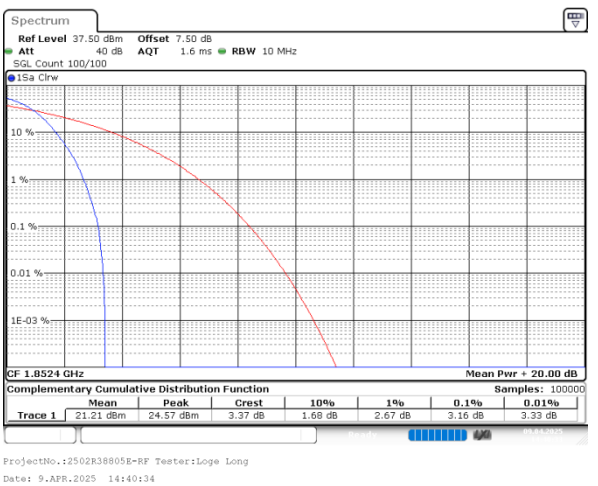
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 16:02:14

R99_High



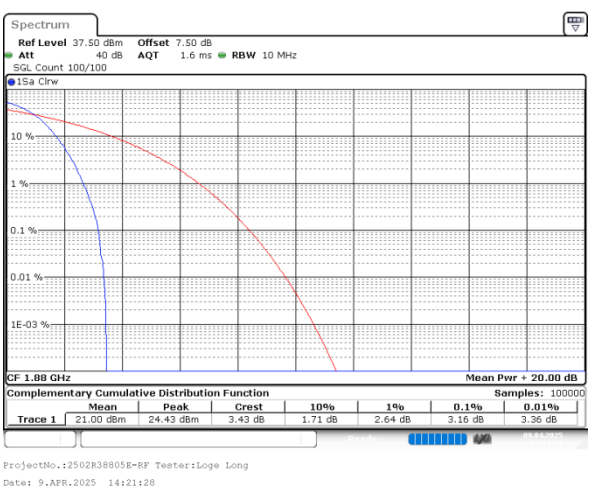
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 16:02:42

HSDPA_Low_Subtest1



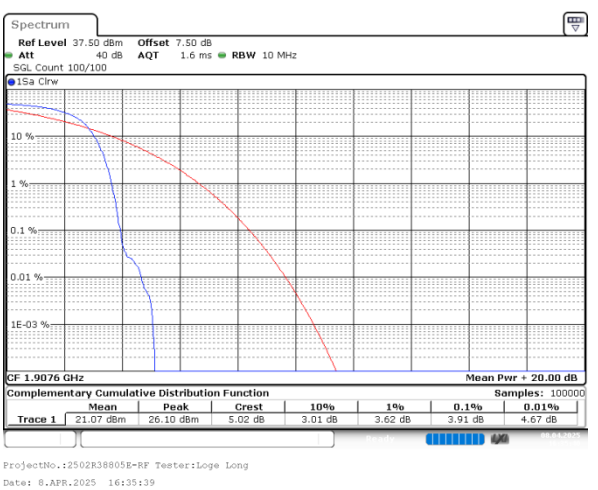
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 9.APR.2025 14:40:34

HSDPA_Middle_Subtest1



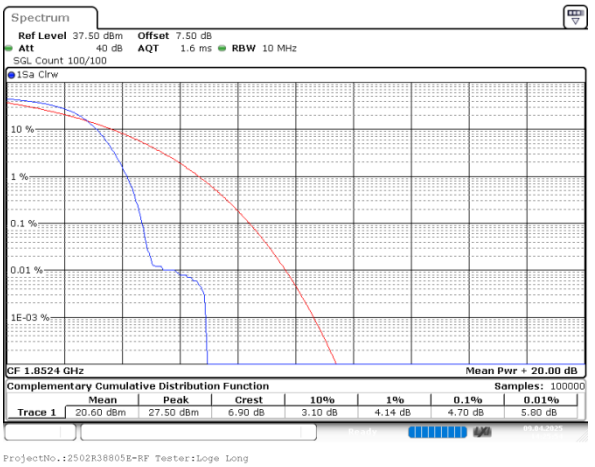
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 9.APR.2025 14:21:28

HSDPA_High_Subtest1

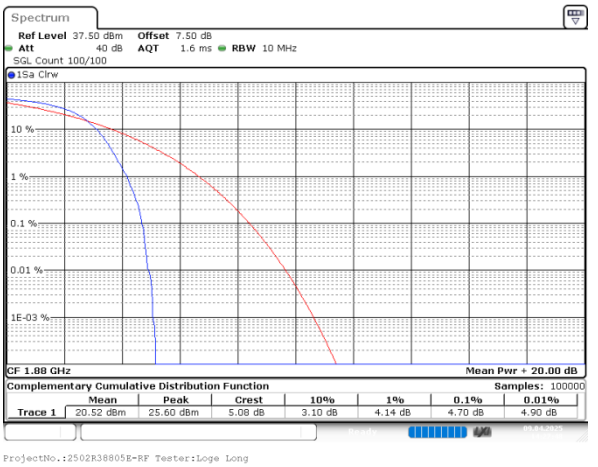


ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 16:35:39

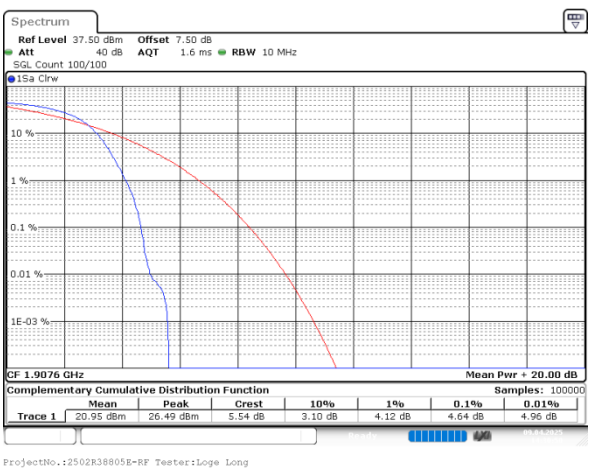
HSUPA_Low_Subtest1



HSUPA_Middle_Subtest1



HSUPA_High_Subtest1

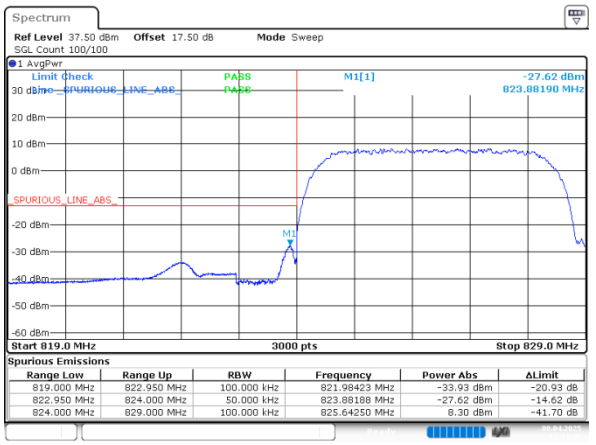


Out of band emission,Band Edge

FCC Part 22H

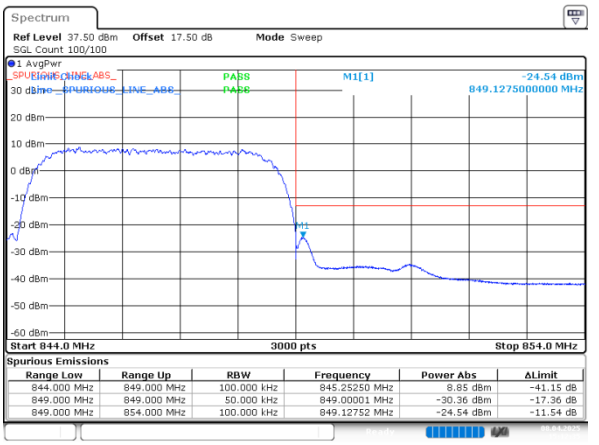
Band 5 , Normal

R99_Low



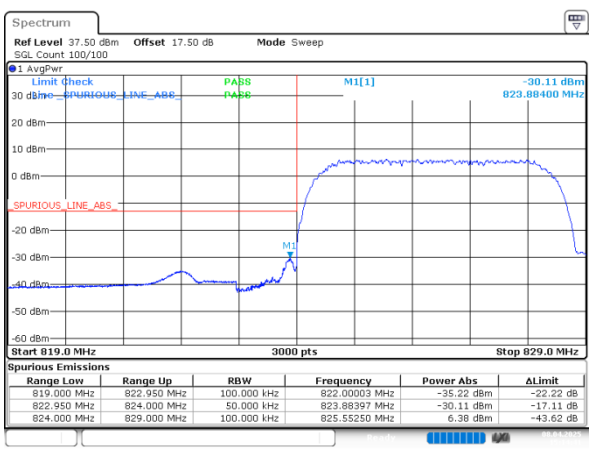
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:11:47

R99_High



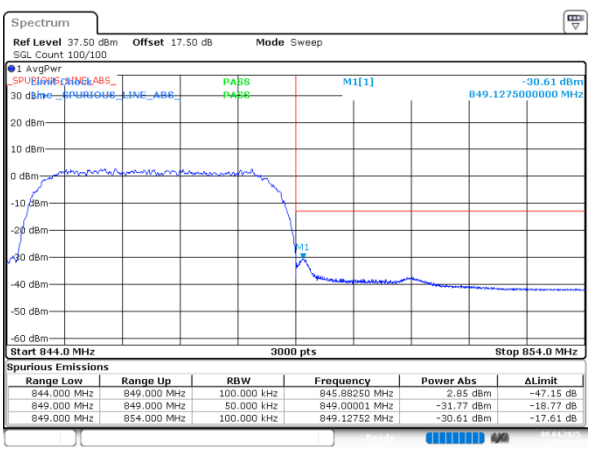
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:12:36

HSDPA_Low_Subtest1



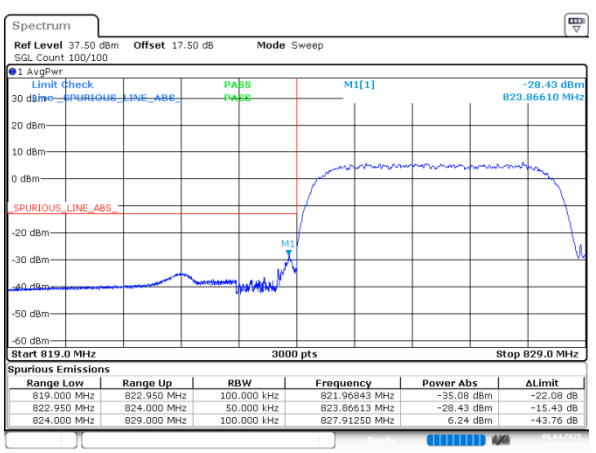
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:14:42

HSDPA_High_Subtest1



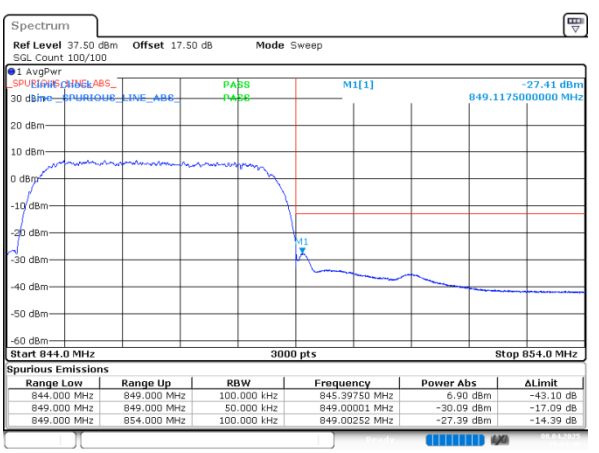
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:18:25

HSUPA_Low_Subtest1



ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:20:48

HSUPA_High_Subtest1

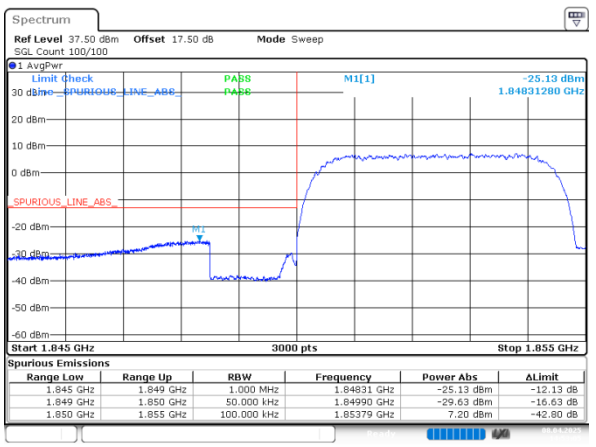


ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:24:47

FCC Part 24E

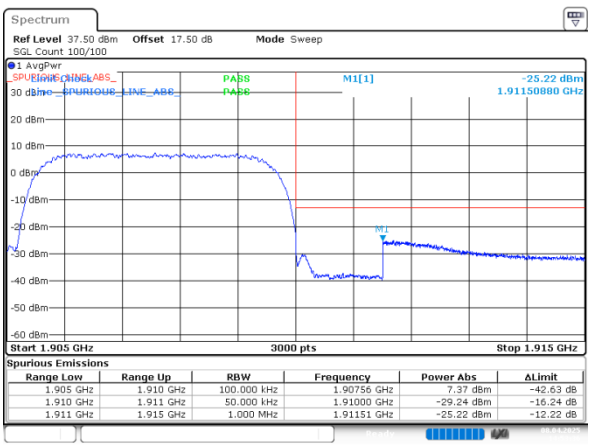
Band 2 , Normal

R99_Low



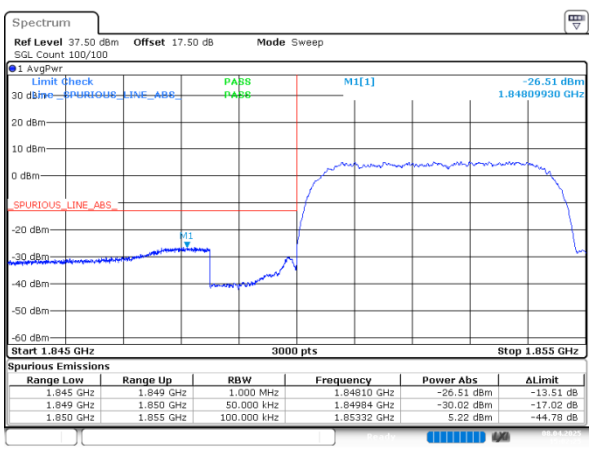
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 14:53:06

R99_High



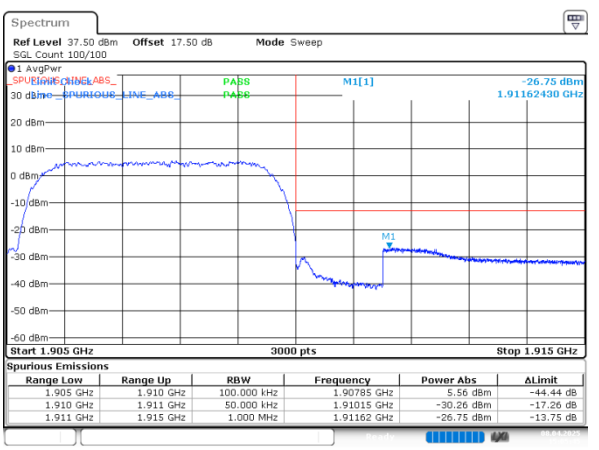
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 14:53:37

HSDPA_Low_Subtest1



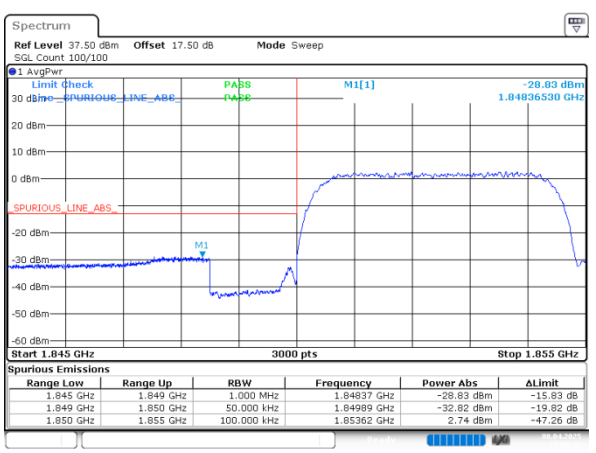
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:02:26

HSDPA_High_Subtest1



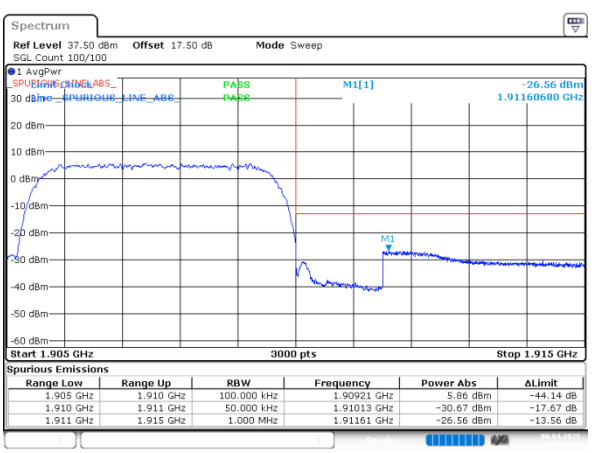
ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:05:46

HSUPA_Low_Subtest1



ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:06:43

HSUPA_High_Subtest1



ProjectNo.:2502R38805E-RF Tester:Loge Long
Date: 8.APR.2025 15:10:58

Spurious Emissions at Antenna Terminal

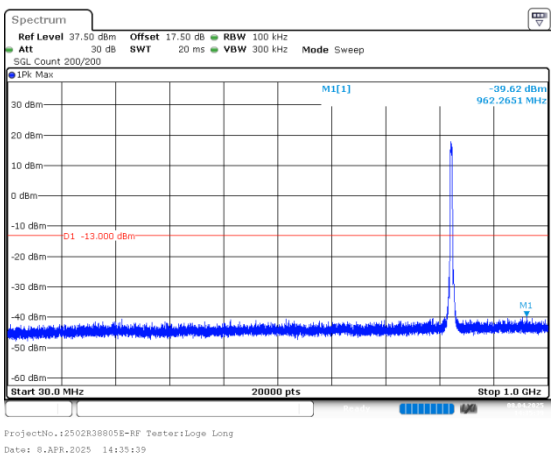
FCC Part 22H

Band 5 , Normal

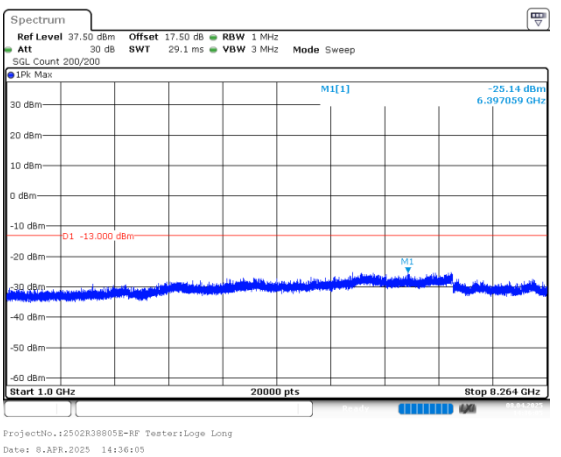
Worst case

R99_Low

Below 1G

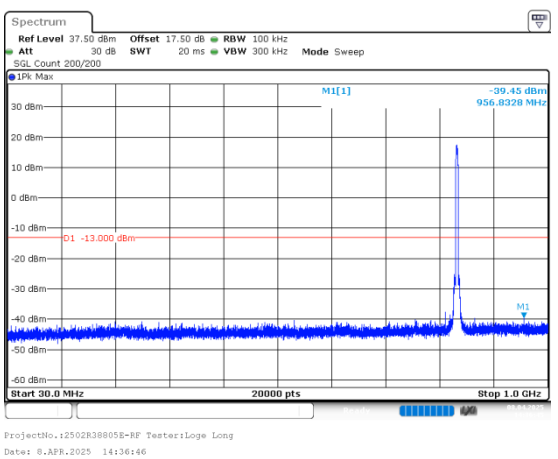


Above 1G

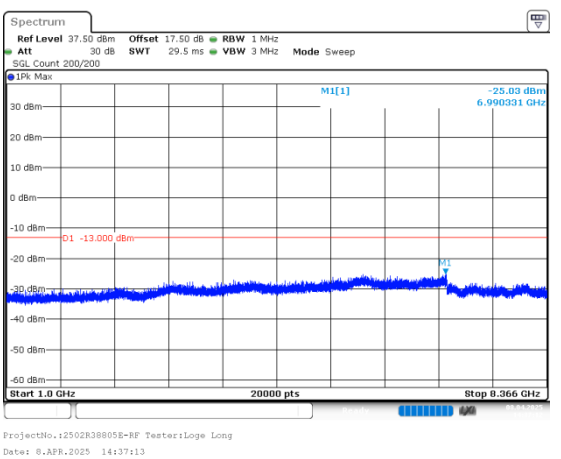


R99_Middle

Below 1G

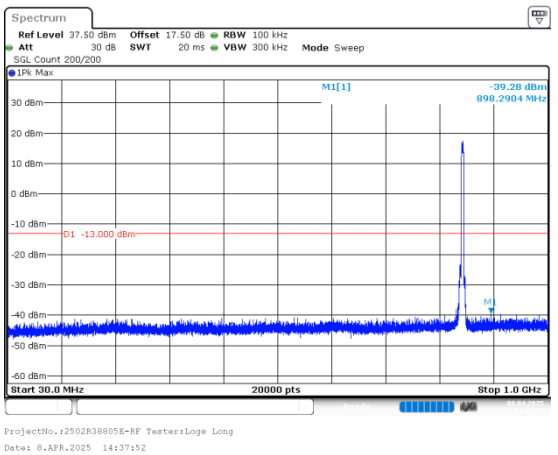


Above 1G

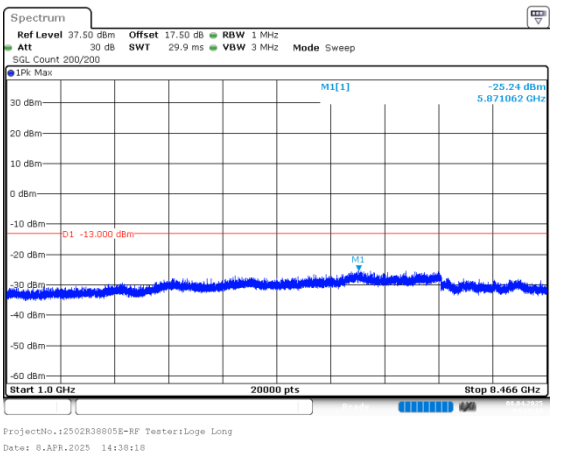


R99_High

Below 1G



Above 1G



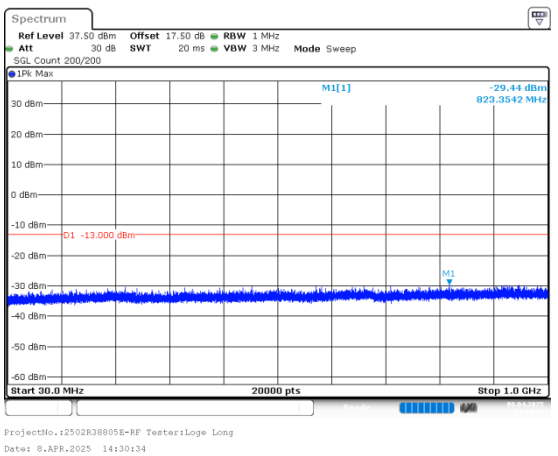
FCC Part 24E

Band 2 , Normal

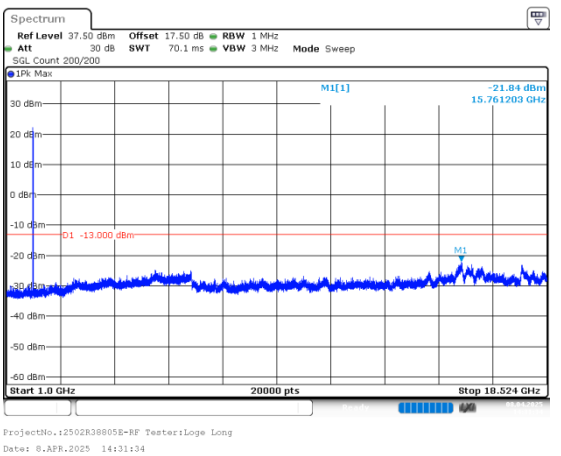
Worst case

R99_Low

Below 1G

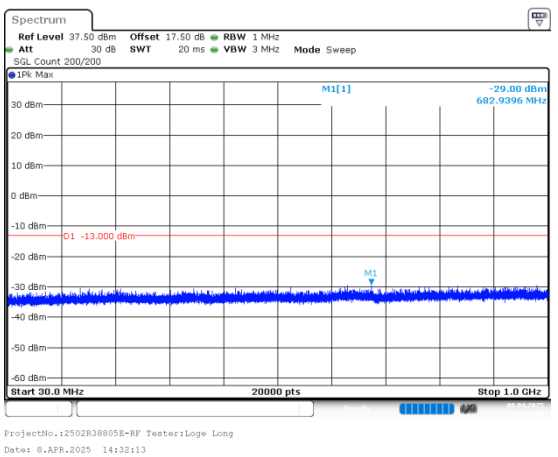


Above 1G

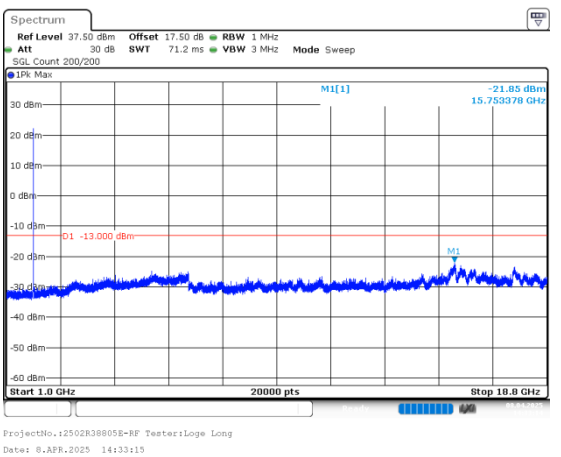


R99_Middle

Below 1G

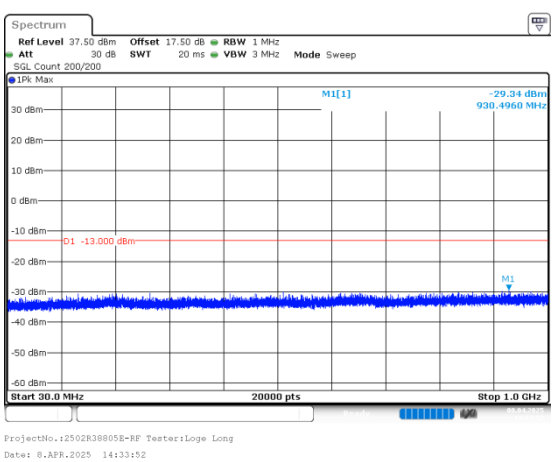


Above 1G

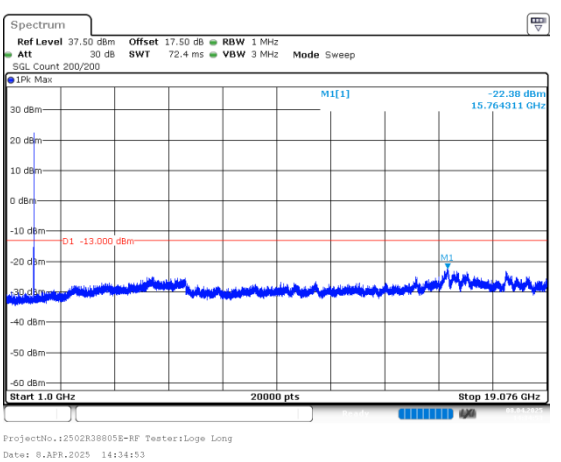


R99_High

Below 1G



Above 1G



***** END *****